

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

<b>CONTRACTOR</b>	<b>CONTRACT NO./TASK NO.</b>	<b>JOB ORDER NUMBER</b>	<b>APPROP. FY</b>
QSS Group, Inc.	NAS5- 99124      TASK NO. <b>285</b> AMENDMENT	655-839-06-70-89	00

**TASK TITLE:** (NTE 80 characters; include Project name)

NGST Electrical Systems Services

**APPROVALS:** (Type or print name and sign)

**ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)**

Roger Stone <i>Roger E. Stone</i>	DATE 5/31/00	ORG CODE 565	MAIL CODE 565	PHONE 301-286-1313
-----------------------------------	-----------------	-----------------	------------------	-----------------------

**BRANCH HEAD**

Paul Bryant <i>Paul J. Bryant for</i>	DATE 5/31/00	CODE 565	PHONE 301-286-7549
---------------------------------------	-----------------	-------------	-----------------------

**CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)**

for Robert S. Lehair, Jr. <i>Robert A. Clark</i>	DATE 5/31/00	CODE 560	PHONE 301-286-6588
--	-----------------	-------------	-----------------------

**FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?**

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

☒ NO      ☐ YES

**CONTRACTING OFFICER'S QUALITY REP.**

Larry Moore

**DESIGNATED FAM:**

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

**C.O. Requested Quote on:**  
**Date:**

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO    ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☐ NO    ☐ YES    ☒ N/A

Government Furnished Property/Facilities: ☒ NO    ☐ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO    ☒ YES    If yes: ☒ TOTAL    ☐ PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: ☒ NO    ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective start date of this task is stated in the Contracting Officer's signature box below.

**INCENTIVE FEE STRUCTURE** (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 238,438.

The target fee of this task order is \$ 15,498.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 253,936.

The maximum fee is \$ 22,651.

The minimum fee is \$0.

**AUTHORIZED SIGNATURE:**

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Elizabeth J. Austin*  
SIGNATURE OF CONTRACTING OFFICER

6/22/00  
DATE

**ELIZABETH J. AUSTIN**  
**CONTRACTING OFFICER**

TYPED NAME OF CONTRACTING OFFICER

**CONTRACTOR'S ACCEPTANCE:**

AUTHORIZED SIGNATURE

DATE

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

NASA/GODDARD SPACE FLIGHT CENTER

**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR

CONTRACT NO./TASK NO.

TASK NO.

AMENDMENT

**QSS Group, Inc.**

NAS5-

**99124**

**285**

Applicable paragraphs from contract Statement of Work: Function 2-Execution Phase Services

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)

The contractor shall perform general electrical systems engineering services for the NGST program including:

1. Develop and analyze electrical system configurations and designs for both NEXUS and the NGST program elements.
2. Develop, review, and analyze electrical design interfaces.
3. Develop and analyze spacecraft to Ground Support Electrical Equipment support requirements and interfaces.
4. Develop and review external interface requirements and documentation.
5. Perform required Electrical Systems analysis to include EMI/EMC analysis, and related new technologies.
6. Develop harness requirements
7. Perform Electrical System trade studies for technical performance, schedule, power, weight, cost, etc, parameters.

**PERFORMANCE SPECIFICATIONS:**

Reports shall contain subjects, references, attachments as necessary, background information, issues, technical analysis or reviews, conclusions, recommendations, and options as necessary. More extensive reports shall contain indexes, figures, and data necessary to make the report complete.

**APPLICABLE DOCUMENTS:**

**TASK END DATE:** 5/30/01

**MILESTONES/DELIVERABLES AND DATES:**

REPORT: Status on Engineering Activities and Analysis -- Monthly

TRADE STUDIES: Two months after ATR request

DESIGN STUDIES: Two months after ATR request.

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery of the above.

**Technical:** ATR's acceptance of the above.

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Roger Stone, Building 20, Room 1H